

# ENGINEERING CHANGE NOTICE

## DART AEROSPACE LTD

|                        |                    |               |              |                |
|------------------------|--------------------|---------------|--------------|----------------|
| Date: 17.05.05         | Job No.: see below | ADR Yes/No: N | ADR Date:    | ECN #: 17- 519 |
| Product No.: D119-646  |                    | Created By:   | Approved By: |                |
| Product Name: SKIDTUBE |                    | Checked By:   |              |                |

| Distribution                           | Reqd | Resp    | Initial / Date (YY/MM/DD) | Distribution               | Reqd | Resp    | Initial / Date (YY/MM/DD) |
|--|------|---------|---------------------------|----------------------------|------|---------|---------------------------|
| Director of Operations                 | Y    | JLM     | 17.05.09                  | DQA / QA Coord.            | Y    | PS / ED | 17.05.10                  |
| Production Planner                     | Y    | SD      | 17.05.09                  | QC Coordinator             | Y    | PD      | 17.05.08                  |
| Purchasing Manager / Purchasing Coord. | Y    | RA/LL   | 17.05.09                  | Customer Support           | Y    | SW / LM | 17.05.09                  |
| Production Engineering Coord.          | Y    | DD      | 17.05.10                  | Customer Technical Support | Y    | MB / HS | 17.05.09                  |
| Production Engineering Coord.          | N    | DL      |                           | Marketing                  | Y    | SL / WR | 17.05.10                  |
| Customer Order Processing              | N    | SL / MF |                           | Dist. Management Coord.    | Y    | HM      | 17.05.05                  |

**Reason for Change:**  
Changes to D119-646 now FAA approved

**Documents Affected:**  
release IIN-D119-646 RevD, ICA-D119-646 Rev3, MDL-D119-646 RevL, DSI9734 RevB, D2855 RevC, ~~D3672 RevD~~, ~~D3647 RevD~~, ~~D3649 RevL~~, ~~D3886 RevC~~, ~~D3887 RevE~~, ~~D3887 RevF~~, D3905 RevE, ~~D5101 RevD~~, ~~D5372 RevB~~

PI17-646-01, PI17-646-02, PI17-646-03, PI17-646-04, PI17-646-05, PI17-646-06  
PAR15-421, PAR15-447, PAR16-546, PAR17-574, PAR-577, PAR-583

**IF APPLICABLE:**    **NCR:** 15-5366    **PAR:** ABOVE    **CAR:**    **CIR:**    **URF:** 15-560

**PAPERWORK UPDATE** ☒    **PARTS MUST COMPLY** ☒    **PREVIOUS PARTS SATISFACTORY** ☐

| # | Quality Assurance Actions                | Reqd | Resp | Notes                  | Complete |
|---|--|------|------|------------------------|----------|
| 1 | Notify Previous Customers                | N    |      |                        |          |
| 2 | Notify Eurocopter France                 | N    |      |                        |          |
| 3 | Notify Augusta Westland                  | Y    | MB   | send updated paperwork | 17.05.10 |
| 4 | Manufacturing Licensing Agreement Update | N    |      |                        |          |

| #  | Engineering Actions                                      | Reqd | Resp | Notes              | Complete |
|----|--|------|------|--------------------|----------|
| 5  | Required Documents/Drawings/Item ID's Under Review (URF) | N    |      |                    |          |
| 6  | Update Master Document List (MDL)                        | Y    | WK   | MDL-D119-646 Rev L | 17.05.09 |
| 7  | Update Document Record (DR)                              | N    |      |                    |          |
| 8  | Update Product Compatibility Matrix                      | N    |      |                    |          |
| 9  | Notify TC / FAA of Change (eg. ICA, 8110-3)              | N    |      |                    |          |
| 10 |  |      |      |                    |          |

| #  | Document Control Actions   | Reqd | Resp | Notes       | Complete |
|----|--|------|------|-------------|----------|
| 11 | Move / Update Electronic Files / Design Journal                      | Y    | KJ   |             | 17.05.09 |
| 12 | Update Product Specification Files (Bluefiles)                       | Y    | KJ   |             | 17.05.09 |
| 13 | Update Approved/Preliminary Dwg PDF Files                            | Y    | KJ   |             | 17.05.09 |
| 14 | Update Product Development Summary (STC applications)                | N    |      |             |          |
| 15 | Update QSI 021 (TC/FAA STC) and/or STC Approval List                 | N    |      |             |          |
| 16 | Create/Update Parts / STC Database                                   | Y    | KJ   |             | 17.05.09 |
| 17 | Update / Verify Airworthiness Release Certificate Database           | Y    | KJ   |             | 17.05.09 |
| 18 | Create / Update Change Record Form / Item Card Database              | Y    | KJ   | * see below | 17.05.09 |
| 19 | Create / Update Packaging Process Plan (PPP)                         | Y    | KJ   |             | 17.05.09 |
| 20 | Red Decals required on Packaging Process Plan (PPP)?                 | Y    | KJ   |             | 17.05.09 |
| 21 | Update Controlled Supplier Documents (Qpulse) Database               | N    |      |             |          |
| 22 | Update Grey Project Binder / Electronic Project Folder               | Y    | KJ   |             | 17.05.09 |
| 23 | Update D-Part / M-Drawing / DSI / DEO Master Binders                 | Y    | KJ   |             | 17.05.09 |
| 24 | Update "Royalty Paid to" attribute (Parts sold under Dart USA STC's) | N    |      |             |          |
| 25 |  |      |      |             |          |

**Description / Action:**  
release to manufacturing  
please update kits in stock and progress with updated copies of the IIN and ICA  
\* update -011/-012, -041, -111/-112, -141, -241 to CHG 005  
\* update -211/-212 to CHG 006  
update routes and BOMs  
update D119-646-041/-141/-241 in stock per D3887 RevE  
**UPDATE - 313/314 TO CHG 002**

ECN Verified & Complete:    Date: **MAY 17 2017**